

**Notice of Allowability**

Application No.

10/510,967

Examiner

Courtney Thomas

Applicant(s)

KAY, GEORGE W.

Art Unit

2882

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed: 03/15/06.
2. ☒ The allowed claim(s) is/are 1-52.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date <u>01/31/05; 04/14/05</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material   | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 1-52 are allowed.
2. The following is an examiner's statement of reasons for allowance:
3. **As per claim 1 and dependent claims 2-33 and 42-46**, the examiner found no reference in the prior art that disclosed or made obvious a radiation-recording plate including a marker that produces a mark detectable in an image after exposure to radiation incident upon the plate from only one of a front and back side without constraints as to which, and indicative of both from which the front side and back side the plate is exposed to the radiation and indicative of any mirroring transformations performed upon an image recovered from the plate after exposure to the radiation, as recited in independent claim 1.
4. **As per claim 34 and dependent claims 35-40**, the examiner found no reference in the prior art that disclosed or made obvious a method of identifying a side from which a radiation-recording plate has been exposed, comprising the steps of: exposing the plate to radiation incident upon the plate from only one of a front side and a back side without constraint as to which; incorporating in the plate prior to exposure, in a position that substantially does not interfere with an image area of the plate, a marker producing a mark whose appearance in an image identifies both which side the plate is exposed from and which is indicative of any mirroring transformations performed upon an image recovered from the plate after exposure; and observing the image for the identification of the side of the plate exposed and for the indication of any mirroring transformations, as recited in independent claim 34.

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5. **As per claim 41**, the examiner found no reference in the prior art that disclosed or made obvious a method of making a radiation sensitive plate having at least one radiation sensitive layer comprising: providing a film sensitive to radiation on a first side of the radiation sensitive plate; applying a suspension of a heavy metal in a binder to a region of a second side of the radiation sensitive layer; providing a detectable marker on the first side; and wherein the detectable marker and the suspension of a heavy metal applied combined are distinct and asymmetric, as recited in independent claim 41.

6. **As per claim 47 and dependent claims 48-52**, the examiner found no reference in the prior art that disclosed or made obvious an image storage device comprising: a mark embedded in a data structure, the mark produced during exposure of a radiation-sensitive medium and the mark both indicative of which side the radiation-sensitive medium was exposed from and indicative of any mirroring transformations performed upon the image in whose record the mark is embedded, as recited in independent claim 47.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Courtney Thomas whose telephone number is (571) 272-2496. The examiner can normally be reached on M - F (9 am - 5 pm).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ed Glick can be reached on (571) 272 2490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink that reads "Courtney Thomas". The signature is written in a cursive style with a large, stylized "T" at the end.

Courtney Thomas  
Primary Examiner  
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